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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Phil Geng et al.
Title: VIA-IN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF MANUFACTURE
Docket No.: 884.387US1
Filed: December 29, 2000
Examiner: Jose Alcala
Serial No.: 09/751614
Due Date: March 4, 2003
Group Art Unit: 2827

AF

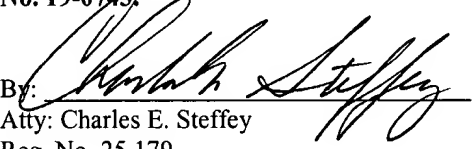
Commissioner for Patents
Washington, D.C. 20231

We are transmitting herewith the following attached items (as indicated with an "X"):

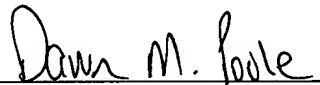
- ☒ A return postcard.
- ☒ Amendment and Response (23 pgs.).
- ☒ Clean Version of Pending Claims (5 pgs.).
- ☒ Clean Version of Specification Paragraphs (7 pgs.).
- ☒ Communication Re: Submission of Formal Drawings (1 pg.).
- ☒ Formal Drawings (6 Sheets).
- ☒ Red-lined Drawing (1 Sheet).

Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-07437

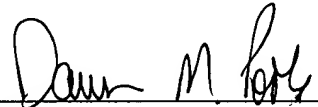
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: 
Atty: Charles E. Steffey
Reg. No. 25,179

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: AF, Commissioner for Patents, Washington, D.C. 20231, on this 4th day of February, 2003.



Name



Signature

Customer Number 21186

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
(GENERAL)

P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)



AF/2800

EXPEDITED PROCEDURE - EXAMINING GROUP 2827

BOX AF

PATENT

S/N 09/751,614

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Phil Geng et al.

Examiner: Jose H. Alcala

Serial No.: 09/751,614

Group Art Unit: 2827

Filed: December 29, 2000

Docket No.: 884.387US1

Title: VIA-IN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF
MANUFACTURE

AMENDMENT & RESPONSE UNDER 37 C.F.R. § 1.116

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In response to the final Office Action mailed December 4, 2002, please amend the application as follows:

IN THE DRAWINGS

Applicants are submitting herewith three minor amendments to FIG. 8. The proposed amendments, which are shown in red ink and/or in a replacement formal drawing sheet, further clarify the changes that were made to FIG. 8 in the previous Amendment and Response mailed on May 13, 2002. Regarding the left-hand via 115, the rear portion of land 104 is now shown. Regarding the right-hand via 115, the solder 122 is shown extending slightly further down into via 115, because the previous version of FIG. 8 did not clearly illustrate this. No new matter has been added.

In addition, reference number 117 has been substituted for 119 to conform the drawing to the written description of FIG. 6-8 beginning on page 11, line 16.

IN THE SPECIFICATION

Please make the paragraph substitutions indicated in the appendix entitled "Clean Version of Amended Specification Paragraphs". The specific changes incorporated in the substitute paragraphs are shown in the following marked-up versions of the original paragraphs.

The sub-title on page 1, line 3 is amended as follows: Related Application [Invention]